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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

| | |
|------------------------|--------------------|
| Application Number | 09/676,681 |
| Filing Date | September 29, 2000 |
| First Named Inventor | McMillan et al. |
| Art Unit | 2122 |
| Examiner Name | Ted T. Vo |
| Attorney Docket Number | 7287-000012 |

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ENCLOSURES (check all that apply)☐ Fee Transmittal Form☐ Fee Attached☒ Amendment / Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts/Incomplete Application☐ Response to Missing Parts under 37 CFR 1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a Provisional Application☐ Power of Attorney, Revocation Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) _____☐ After Allowance Communication to Technology Center (TC)☐ Appeal Communication to Board of Appeals and Interferences☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s)
(please identify below):**Return Postcard.**

Remarks

The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENTFirm
or
Individual name

Harness, Dickey & Pierce, P.L.C.

Attorney Name
Michael D. WigginsReg. No.
34,754

Signature

Date

July 2, 2004

CERTIFICATE OF TRANSMISSION/MAILING

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EV 533 146 435 US (7/2/2004)

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Date

July 2, 2004

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/676,681
Filing Date: September 29, 2000
Applicant: McMillan et al.
Group Art Unit: 2122
Examiner: Ted T. Vo

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Title: FLOWCHART-BASED CONTROL SYSTEM INCLUDING
AUTOMATIC DOWNTIME AND CYCLE TIME
ANALYSIS

Attorney Docket: 7287-000012

Mail Stop Amendment
Director of The United States Patent and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313-1450

AMENDMENT

Sir:

In response to the Office Action mailed April 2, 2004, please amend the application as follows and consider the remarks set forth below.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 3 of this paper.

Remarks begin on page 10 of this paper.